# INDIANA FIRE ACADEMY TRAINING SYSTEM

**A Division of Indiana Homeland Security**

**DRIVER OPERATOR AERIAL**

## EVALUATOR DRIVER OPERATOR AERIAL PRACTICAL SKILLS

**Reference material for this course:**

NFPA 1002, 2014 Edition Fire Apparatus Driver/Operator Professional Qualifications
JONES & BARTLETT LEARNING, Fire Apparatus Driver/Operator, 2nd Ed.
(Ch 2, 3, 8-10, 15-19)

# Skill Sheet #1, Preventative Maintenance

**Perform the routine test, inspections and servicing functions, specified in the following list in addition to those specified in the list 6.1.1 given a fire department aerial apparatus, so that the operational readiness of the aerial apparatus is verified. (NFPA 1002, 2014 Ed.; 4.2.1, 6.1.1)**

Performance outcome: The ability to use hand tools, recognize system problems, and correct any deficiency noted according to policy and procedures. Perform a visual and/or operational aerial device inspection according to the fire department SOP's.

## Equipment & Materials

- Fully equipped aerial apparatus
- Access to fire dept. policies and procedures
- Equipment to complete the task

| | Task Steps |
|---|---|
| **1.** | Battery |
| **2.** | Braking System |
| **3.** | Coolant and Hydraulic Fluid |
| **4.** | Electrical Systems |
| **5.** | Fuel |
| **6.** | Oil |
| **7.** | Tires |
| **8.** | Steering System |
| **9.** | Belts |
| **10** | Tools/Appliances |
| **11** | Inspect water tank and water level (if applicable) |
| **12** | Hydraulic fluid |
| **13** | Inspect stabilizers |
| **14** | Inspect turntable assembly |
| **15** | Inspect all control stations |
| **16** | Inspect aerial device communication system |

| | |
|---|---|
| **17** | Status/operation of the breathing air supply system (*if applicable*) |
| **18** | Inspect aerial device extension/retraction system |
| **19** | Inspect elevation/ lifting cylinders |
| **20** | Inspect elevating platform assembly (*if applicable*) |
| **21** | Inspect the aerial ladder sections (*fly, mid(s), base*) |
| **22** | Inspect ladder rungs |
| **23** | Inspect aerial waterway |
| **24** | Inspect all equipment attached to any portion of the aerial device or ladder sections |

The candidate will complete all steps.

# INDIANA FIRE ACADEMY TRAINING SYSTEM

## A Division of Indiana Homeland Security

## DRIVER OPERATOR AERIAL

| Date of Inspection | Apparatus | Personnel Completing Inspection |
|---|---|---|
| | | |

| Engine Running | Item |
|---|---|
| 1 | Gauges-Ammeter, oil pressure, water temperature, air pressure vacuum |
| 2 | Windshield wipers and washer fluid |
| 3 | All window glass and reflectors |
| 4 | Heater Defroster / Air Conditioning |
| 5 | Brakes (foot and parking) |
| 6 | Horns, sirens, emergency lighting (rotating and fixed) |
| 7 | Engine Noises (normal, within manufacturer specifications) |
| 8 | Clutch-Transmission shifting manual and/or automatic, drive train operation |
| 9 | Steering |
| 10 | Leaks-water, fuel and oil |
| 11 | Head lights, tail stop and marker lights, emergency flashers |
| 12 | Water tank/extinguishing agent level(s) |
| 13 | Pumping systems (if applicable) |
| 14 | Rapid dump system (if applicable) |
| 15 | Foam systems (if applicable) |
| **Engine Not Running** | **Item** |
| 16 | Vehicle body |
| 17 | Wheels, tires (tread and depth) and lugs |
| 18 | Fuel tank and cap |
| 19 | Brake hoses, air hoses, steering linkage, suspension |
| 20 | Drain air tanks of moisture |
| 21 | Compartments and doors, mounted equipment |
| 22 | Engine transmission, rear end fluid levels |
| 23 | Pump oil level (if applicable) |
| 24 | Batteries, liquid levels and corrosion problems |
| 25 | Portable equipment for operation and liquid levels |
| **Aerial Specific** | **Item** |
| 26 | Hydraulic Fluid |
| 27 | Stabilizers |
| 28 | Turntable Assembly |
| 29 | All Control Stations |
| 30 | Aerial Communications System |
| 31 | Breathing Air Supply System |
| 32 | Extension / Retraction System |
| 33 | Elevation / Lifting Cylinders |

| | |
|---|---|
| **34** | Platform Assembly (if equipped) |
| **35** | Aerial Ladder Sections (fly, mid(s), base) |
| **36** | Inspect Ladder Rungs |
| **37** | Inspect Aerial Waterway |
| **38** | Inspect all equipment attached to any portion of aerial device or ladder |

**In the space below, explain any item(s) requiring service & any other important information:**

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Prevent or prohibit any unsafe acts.
Contact the Lead Evaluator at any time with any questions
**Remember, you are an evaluator, not a trainer**

# Skill Sheet # 2, Driving/Operating

**Given a fire department aerial apparatus, demonstrate safe, efficient operation of the vehicle upon jurisdictional street and highways under conditions outlined below in the performance section. (NFPA 1002, 2014 Ed.; 4.3.1)**

## Directions

The student must complete all of the maneuvers while operating an aerial apparatus.

## Equipment & Materials

- Operational Aerial Apparatus
- Instruction before beginning

| | Task Steps |
|---|---|
| **1.** | Operate Passenger Restraint Devices |
| **2.** | Four left turns |
| **3.** | Four right turns |
| **4.** | A straight section of urban business street or a two-lane rural road at least 1 mile in length |
| **5.** | One through-intersection and two intersections where a stop has to be made |
| **6.** | One curve, either left or right |
| **7.** | One railroad crossing (if unavailable, demonstrate procedures) |
| **8.** | A section of limited-access highway that includes a conventional ramp entrance and exit and a section of road long enough to allow two lane changes. (if unavailable, demonstrate procedures) |
| **9.** | A downgrade steep enough and long enough to require down-shifting and braking (if unavailable, demonstrate procedures) |
| **10** | An upgrade steep enough and long enough to require a gear changing to maintain speed (if unavailable, demonstrate procedures) |
| **11** | One underpass or a low clearance or bridge (if unavailable, demonstrate procedures) |

Prevent or prohibit any unsafe acts.

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# Skill Sheet #3, Driving/Operating

**The student, given a fire department aerial apparatus, shall demonstrate safe, efficient operation of the aerial apparatus within an established obstacle course to measure abilities and judgments in maneuvering within confined areas simulating general driving. (NPFA 1002, 2014 Ed.; 4.3.2, 4.3.3, 4.3.4, 4.3.5, 4.3.6)**

## Directions

The student must complete all of the maneuvers while operating an aerial apparatus. Student shall verify that all occupants are properly restrained.

## Equipment & Materials

- Operational Aerial Apparatus
- Spotter (where noted)
- Safety Vests Recommended for Ground Personnel
- Traffic Control (if applicable)
- Measuring Device and Control Devices (cones/barricades)

| | Task Steps |
|---|---|
| **1.** | The student shall back an aerial apparatus from a roadway into restricted spaces on both sides of the vehicle, given a safety spotter during backing, and restricted spaces (12' width) requiring 90 degree right hand and left hand turns from the roadway, so that the vehicle is parked within the restricted areas without having to stop and pull forward and without striking obstructions. (Alley Dock, 4.3.2) ** ADD SKETCH ** |
| **2.** | The student shall maneuver an aerial apparatus around obstructions on a roadway while moving forward and in reverse so that the vehicle is maneuvered through obstructions, without stopping to change direction of travel and without striking the obstructions. Safety spotter during backing. (Serpentine, 4.3.3) ** ADD SKETCH ** |
| **3.** | The student shall turn an aerial apparatus 180 degrees within a confined space small enough that a U turn cannot be accomplished without stopping and backing up. The vehicle must be turned 180 degrees without striking obstructions within the given space. Safety spotter during backing. (Confined Space Turnaround, 4.3.4) ** ADD SKETCH ** |
| **4.** | The student shall maneuver aerial apparatus in areas of restricted horizontal and |

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| | vertical clearances so that the operator accurately judges the ability of the vehicle to pass through the openings of that no obstructions are struck. (Diminishing Clearance, 4.3.5) ** ADD SKETCH ** |
| **5.** | The student shall operate an aerial apparatus by using defensive techniques under simulated emergency conditions, so that control of the vehicle is maintained. (4.3.6) |

Prevent or prohibit any unsafe acts.

Contact the Lead Evaluator at any time with any questions

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# Skill Sheet # 4, Operations

**Stabilize an aerial apparatus, given a properly positioned vehicle and the manufacturer's recommendation, so the power can be transferred to the aerial device hydraulic system and the device can be safely deployed. (NFPA 1002, 2014 Ed.; 6.2.2)**

Performance outcome: the ability to transfer power from the vehicles engine to the hydraulic system and operate vehicle stabilization devices.

Conditions: aerial apparatus hydraulic systems, manufacture's specification stabilization requirements and effects of topography and ground stabilization. The aerial operator will complete all elements of the assigned task.

## Equipment & Materials

- Fire department aerial apparatus
- Access to department policies and procedures
- Appropriate equipment to complete task

| | Task Steps |
|---|---|
| 1. | Ensure the apparatus placement is appropriate for the assigned task |
| 2. | Set the parking brake |
| 3. | Place transmission selector in the appropriate gear recommended by the manufacturer |
| 4. | Activate the PTO system |
| 5. | Place the transmission selector in the appropriate gear recommended by the manufacture for the assigned task |
| 6. | Check for overhead obstructions and ensure proper apparatus placement |
| 7. | Chock both in front of and behind the tire of the appropriate wheel (s) on both sides of the apparatus |
| 8. | Check the expected travel path of the stabilizers for obstructions and/or limiting factors |
| 9. | Check the ground surface for stability and proper conditions |
| 10 | Deploy and properly place the stabilizer ground pads |
| 11 | Properly deploy the stabilizers |

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| 12 | Raise the apparatus to its working position, as close to level as possible |
| 13 | Lock the stabilizers by manufacturer's recommendations (*holding valve, interlock feature, safety pins, or combination of features)* |

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# Skill Sheet # 5 a, Operations

**Maneuver and position the aerial device from each control station, given an incident location, a situation description, and an assignment, so that the aerial device is properly positioned to safely accomplish the assignment. (NFPA 1002, 2014 Ed.; 6.2.3)**

Performance outcome: The ability to raise, rotate, extend and position to a specified location and ability, lock, unlock, retract, lower and bed the aerial device. The aerial apparatus operator will properly raise and position the aerial device to perform a victim rescue from the window of the ___floor of a multiple story building on the __side. The wind is out of the __at ___mph.

Conditions: knowledge of aerial device hydraulic systems, hydraulic pressure relief systems, gauges and controls, cable systems, communication systems, electrical systems, emergency operating systems, locking systems, manual rotation and lowering systems, system over ridges, safe operation limitations of the given aerial device, safety procedures specific to the device, and operations near electrical hazards and overhead obstructions. The candidate will complete all assigned tasks.

## Equipment & Materials

- Fully equipped fire department aerial apparatus
- Access to department policies and procedures
- Appropriate equipment

| | Task Steps |
|---|---|
| 1. | Release the hold down locks (if applicable) |
| 2. | Ensure all safety devices are in place and are properly used by the operator (*slide out platform, safety chains, guardrails, dead-man switches, etc)* |
| 3. | Check the intended path of the aerial device for obstructions. (*overhead, ladder cradle, cabinetry, accessories, personnel, etc.)* |
| 4. | Elevate – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application to the desired height for the intended target |
| 5. | Rotate – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application until the top of the device is in line with the intended target |
| 6. | Extend – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application slightly above the intended target |

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| 7. | Lower – the aerial device to the object according to department SOP's and manufacturers specifications |
| 8. | Align aerial device ladder rungs |
| 9. | Refers to aerial load chart for proper ladder and tip loads |
| 10 | Clears firefighters to safely climb the aerial ladder |

CONTINUE TO NEXT JPR WITHOUT SHUTTING DOWN

Prevent or prohibit any unsafe acts.
Contact the Lead Evaluator at any time with any questions
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# Skill Sheet # 5 b, Operations

**Maneuver and position the aerial device from each control station, given an incident location, a situation description, and an assignment, so that the aerial device is properly positioned to safely accomplish the assignment. (NFPA 1002, 2014 Ed.; 6.2.3)**

Performance outcome: The ability to raise, rotate, extend and position to a specified location and ability lock, unlock, retract, lower and bed the aerial device. The aerial device operator will properly raise and position the aerial device to perform roof operations. The aerial device will be positioned on the ___side of a multiple story building allowing firefighters to carry and/or deliver equipment to the roof for ventilation.

Conditions: knowledge of aerial device hydraulic systems, hydraulic pressure relief systems, gauges and controls, cable systems, communication systems, electrical systems, emergency operating systems, locking systems, manual rotation and lowering systems, system overrides, safe operation limitations of the given aerial device, safety procedures specific to the device, and operations near electrical hazardous and overhead obstructions. The candidate will complete all tasks.

## Equipment & Materials

- Fire department aerial apparatus
- Appropriate equipment
- Access to department policies and procedures

| | Task Steps |
|---|---|
| 1. | Release the hold down locks (*if applicable*) |
| 2. | Ensure all safety devices are in place and are properly used by the operator *(slide out platforms, safety chains, guardrails, dead-man switches, etc)* |
| 3. | Check the intended path of the aerial device for obstructions (*overhead, ladder cradle, cabinetry, accessories, personnel, etc)* |
| 4. | Elevate – the aerial device in a safe, smooth , efficient operation using the correct engine speed for the application to the desired height for the intended target |
| 5. | Rotate – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application until the top of the device is in line with the intended target. |

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|---|---|
| 6. | Extend – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application slightly above the intended target |
| 7. | Lower – the aerial device to the objective according to department SOP's and manufacturers specifications. |
| 8. | Align aerial device ladder rungs |
| 9. | Refers to aerial load chart for proper ladder and tip loads |
| 10 | Clears firefighters to safely climb the aerial ladder |

CONTINUE TO NEXT JPR WITHOUT SHUTTING DOWN

Prevent or prohibit any unsafe acts.
Contact the Lead Evaluator at any time with any questions
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# Skill Sheet # 5 c, Operations

**Maneuver and position the aerial device from each control station, given an incident location, a situation description, and an assignment, so that the aerial device is properly positioned to safely accomplish the assignment. (NFPA 1002, 2014 Ed.; 6.2.3)**

Performance outcome: the ability to raise, rotate, extend and position to a specified location and ability lock, unlock, retract, lower, and bed the aerial device. The aerial apparatus operator will properly raise and position the aerial device to perform window ventilation from the ___window from the left/right of the ___floor of a multiple story building on the ___side. The wind is out of the ___at ___mph.

Conditions: knowledge of aerial device hydraulic systems, hydraulic pressure relief systems, gauges and controls, cable systems, communication systems, electrical systems, emergency operating systems, locking systems, manual rotation and lowering systems, system overrides, safe operation limitations of the given aerial device, safety procedures specific to the device, and operations near electrical hazards and overhead obstructions. The candidate will complete all tasks.

## Equipment & Materials

- Fire department aerial apparatus
- Access to department policies and procedures
- Appropriate equipment to complete the task

| | Task Steps |
|---|---|
| 1. | Release the hold down locks (if applicable) |
| 2. | Ensure all safety devices are in place and are properly used by the operator (slide-out platforms, safety chains, guardrails, dead-man switches, etc) |
| 3. | Check the intended path of the aerial device for obstructions ( overhead, ladder cradle, cabinetry, accessories, personnel, etc) |
| 4. | Elevate – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application to the desired height for the intended target |
| 5. | Rotate – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application until the tip of the device is in line with the intended target. (to the upwind side) |
| 6. | Extend the aerial device in safe ,smooth, efficient operation using the correct |

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|---|---|
| | engine speed for the application slightly above the intended target |
| 7. | Lower- the aerial device to the objective (slightly above the window) |
| 8. | Align aerial device ladder rungs |
| 9. | Refers to aerial load chart for proper ladder and tip loads |
| 10 | Clears firefighters to safely climb the aerial ladder |

CONTINUE TO NEXT JPR SHEET WITHOUT SHUTTING DOWN

Prevent or prohibit any unsafe acts.
Contact the Lead Evaluator at any time with any questions
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# Skill Sheet # 6 a, Operations

**Deploy and operate an elevated master stream, given a master stream device and a desired flow, so that the stream is effective and the device is operated safely. (NFPA 1002, 2014 Ed.; 6.2.5)**

Performance outcome: The ability to connect a water supply to a master stream device and control an elevated nozzle manually or remotely. The aerial apparatus operator will first explain and demonstrate the proper procedures to manually operate the nozzle on the waterway. After connecting an adequate water supply, the aerial operator will demonstrate the proper procedures to safely raise the aerial device and position the waterway to flow _____gpm using ____inch smooth bore nozzle/fog nozzle, ___feet in elevation with the ladder extended to ____feet in a defensive firefighting mode. The aerial operator must calculate and flow the correct pump pressure for the situation described.

Conditions: nozzle reaction, range of motion, and weight limitations. The candidate will complete all tasks.

## Equipment & Materials

- Fire department aerial apparatus
- Appropriate equipment
- Access to policies and procedures

| | Task Steps |
|---|---|
| 1. | Explain and demonstrate how to manually rotate the nozzle from side to side |
| 2. | Explain and demonstrate how to manually raise and lower the nozzle |
| 3. | Explain and demonstrate how to manually adjust the spray pattern of the nozzle |
| 4. | Demonstrate how to change from a fog nozzle to a smooth bore tip with/without a stream straightened (*select the appropriate nozzle for the assigned task*) |
| 5. | Demonstrate how to attach a portable ladder pipe/hoseline, or adjust pinable waterway in the appropriate position (*if applicable*) |
| 6. | Connect an adequate water supply to the proper water inlet. (*as per department SOP's and manufacturers specifications)* |
| 7. | Release the hold down locks (if applicable) |
| 8. | Ensure all safety devices are in place and are properly used by the operator (*slide-out platforms, safety chains, guardrails, dead-man switches, etc*) |

| | |
|---|---|
| 9. | Check the intended path of the aerial device for obstructions (*overhead, ladder cradle, cabinetry, accessories, personnel, etc)* |
| 10 | Elevate – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application to the desired height for the intended target |
| 11 | Rotate – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application until the tip of the device is in line with the intended target. |
| 12 | Extend – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application |
| 13 | Refers to aerial load chart for proper ladder and top loads for water flow |
| 14 | Smoothly opens waterway discharge valve with minimum stress and movement of the aerial device and waterway. |
| 15 | Discharge the correct gpm for the assigned task at ____psi pump pressure |
| 16 | Smooth closes waterway discharge valve with minimal stress and movement of the aerial device and waterway |
| 17 | Disengages pump |
| 18 | Close and disconnect water supply from fire apparatus |
| 19 | Opens waterway drain to drain waterway pipe completely prior to repositioning the ladder |
| 20 | Retract, rotate, and lower aerial device |
| 21 | Disassemble any portable ladder pipe, hoseline, and/or return waterway pin to its stowed position |
| 22 | Returns the proper nozzle (*as per department SOP's*) onto the aerial monitor and places the monitor in its correct stowed position |
| 23 | Properly bed the aerial device |

CONTINUE TO NEXT JPR SHEET WITHOUT SHUTTING DOWN

Prevent or prohibit any unsafe acts.

Contact the Lead Evaluator at any time with any questions

**Remember, you are an evaluator, not a trainer**

# Skill Sheet # 6 b, Operations

**Deploy and operate an elevated master stream, given a master stream device and a desired flow, so that the stream is effective and the device is operated safely. (NFPA 1002, 2014 Ed.; 6.2.5)**

Performance outcome: The ability to connect a water supply to a master stream device and control an elevated nozzle manually or remotely. The aerial apparatus operator will first explain and demonstrate the proper procedures to manually operate the nozzle on the waterway. After connecting an adequate water supply, the aerial operator will demonstrate the prop procedures to safely raise the aerial device and position the waterway to flow ____gpm using a ___ inch smooth bore nozzle/fog nozzle, to the ___floor window on the ___side of the building for an offensive/defensive firefighting mode. The aerial operator must calculate and flow the correct pump pressure for the situation described.

## Equipment & Materials

- Fire department aerial apparatus
- Policies and procedures
- Appropriate equipment
-

| | Task Steps |
|---|---|
| 1. | Explain and demonstrate how to manually rotate the nozzle from side to side |
| 2. | Explain and demonstrate how to manually raise and lower the nozzle |
| 3. | Explain and demonstrate how to manually adjust the spray pattern of the nozzle |
| 4. | Demonstrate how to change from a fog nozzle to a smooth bore trip with/without a stream straightened (select the appropriate nozzle for the assigned task) |
| 5. | Demonstrate how to attach a portable ladder pipe/hose line, or adjust pinable waterway in the appropriate position (if applicable) |
| 6. | Connect an adequate water supply to the proper water inlet (as per department SOP's and mfg's specifications) |
| 7. | Release the hold down locks (if applicable) |
| 8. | Ensure all safety devices are in place and are properly used by the operator (slide-out platforms, safety chains, guardrails, dead-man switches, etc) |
| 9. | Check the intended path of the aerial device for obstructions (overhead, ladder cradle, cabinetry, accessories, personnel, etc) |
| 10 | Elevate – the aerial device in a safe, smooth, efficient operation using the correct |

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|---|---|
| | engine speed for the application to the desired height for the intended target |
| 11 | Rotate – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application until the tip of the device is in line with the intended target |
| 12 | Extend – the aerial device in a safe, smooth, efficient operation using the correct engine speed for the application |
| 13 | Position proper nozzle placement for the assigned task |
| 14 | Adjust nozzle angel for the assigned task |
| 15 | Refers to aerial load chart for proper ladder and tip loads |
| 16 | Smoothly opens waterway discharge valve with minimal stress and movement of the aerial device and waterway |
| 17 | Discharges the correct gpm for the assigned task at ___psi pump pressure |
| 18 | Smoothly closes the waterway discharge valve with minimal stress movement of the aerial device and waterway |
| 19 | Disengages pump |
| 20 | Close water supply and disconnect water supply from fire apparatus |
| 21 | Opens waterway drain and drains waterway pipe completely prior to repositioning the ladder |
| 22 | Retract, rotate, and lower aerial device |
| 23 | Disassemble any portable ladder pipe, hoseline, and/or return waterway pin to its stowed position(if applicable) |
| 24 | Returns the proper nozzle (as per department SOP's) onto the aerial monitor and places the monitor in its correct stowed position |
| 25 | Properly bed aerial device |

CONTINUE TO NEXT JPR SHEET WITHOUT SHUTTING DOWN

Prevent or prohibit any unsafe acts.

Contact the Lead Evaluator at any time with any questions

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# Skill Sheet # 7, Operations

**Lower the aerial device, given an aerial device, so that the device is safely lowered to its bedded position.**

**Lower an aerial device using the emergency operating system, given an aerial device, so that the aerial device is safely lowered to its bedded position. (*NFPA 1002, 2014 Ed.; 6.2.4)***

Performance outcome: The ability to rotate to position to center, unlock, retract, lower and bed the aerial device using the emergency operating system. During one of the retract or lower maneuvers, the student shall describe use of the emergency operating system.

## Equipment & Materials

- Fire department aerial apparatus
- Appropriate equipment to complete the task
- Access to policies and procedures

| Task Steps | |
|---|---|
| 1. | Remove personnel from the aerial ladder (if applicable) |
| 2. | Drain the waterway system (if applicable) |
| 3. | Disengage the aerial device locks (if applicable) |
| 4. | Ensure all safety devices are in place and are properly used by the operator (slide-out platforms, safety chains, guardrails, dead-man switches, etc) |
| 5. | Check the intended path of the aerial device for obstructions (overhead, ladder cradle, cabinetry, accessories, personnel, etc) |
| 6. | Raise the aerial device away from its objective |
| 7. | Retract the aerial device |
| 8. | Rotate the aerial device and position to center |
| 9. | Lower the aerial device to its stored position in the resting cradle |
| 10 | **Describe emergency operating system to retract or lower the aerial device.** |
| 10 | Allow personnel to exit the platform (if applicable) |
| 11 | Remove ladder pipe, hose and associated equipment (if applicable) |

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|---|---|
| 12 | Activate the hold down locks or apply bedding pressure (whichever is applicable) |

** Evaluator will state to the candidate the task step in bold

Evaluator Note: Due to potential significant fiscal impact, emergency operating system operation should be described by student without actual operation.

CONTINUE TO NEXT JPR SHEET WITHOUT SHUTTING DOWN

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# Skill Sheet # 8, Operations

**Destabilize an aerial apparatus, given a properly positioned vehicle and the manufacture's recommendations, so the power can be transferred to the vehicles engine.**

Performance outcome: the ability to transfer power from the hydraulic systems to the vehicles engine and return the vehicle to service.

### Equipment & Materials

- Fire department aerial apparatus
- Access to policies and procedures
- Appropriate equipment to complete tasks

| | Task Steps |
|---|---|
| 1. | Unlock the stabilizers by mfg's recommendations (holding valves, interlock feature, safety pins, or combination of any features) |
| 2. | Slightly move the wheel chocks |
| 3. | Ensure all personnel and equipment is clear of the stabilizers |
| 4. | Raise stabilizers (on uneven terrain the stabilizers should be raised in reverse order of lowering) |
| 5. | Stow stabilizers to their appropriate stored location |
| 6. | Stow stabilizer ground pads to their appropriate location |
| 7. | Place the transmission selector in the appropriate gear recommended by the mfg (if applicable) |
| 8. | Place the transmission selector in the appropriate gear recommended by the mfg. (if applicable) |
| 9. | Ensure all tools and equipment is stowed in the proper location |
| 10 | Ensure all compartments doors, slide-out platforms, safety bars, safety chains, etc are stowed in their appropriate location |
| 11 | Remove wheel chocks and stow in their appropriate location |

Prevent or prohibit any unsafe acts.

Contact the Lead Evaluator at any time with any questions

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